AUTODOC CLUB

How to change rear shock absorbers on **Ford Fiesta JA8** – replacement guide

VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.6 Ti, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.4 TDCi, FORD Fiesta Mk6 Van 1.4 TDCi, FORD Fiesta Mk6 Van 1.6 TDCi, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.25, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.6 TDCi, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.4, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.4 LPG, FORD Fiesta Mk6 Van 1.25, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.0, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.0 EcoBoost, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.5 TDCi, FORD Fiesta Mk6 Van 1.5 TDCi, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.0 Sport, FORD Fiesta Mk6 Van 1.0 EcoBoost, (+ 4)

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – FORD FIESTA JA8. TOOLS YOU NEED:

- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #13
- Drive socket # 10
- Drive socket # 15
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Shock absorber socket #DD5,2
- Vice
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

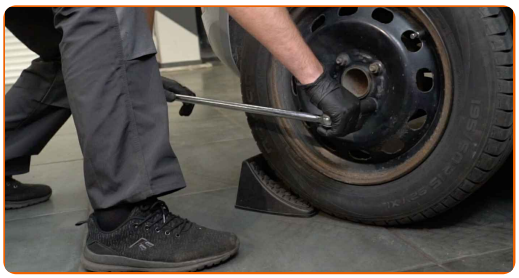
Replacement: shock absorbers – Ford Fiesta JA8. AUTODOC experts recommend:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- Please note: all work on the car – Ford Fiesta JA8 – should be done with the engine switched off.

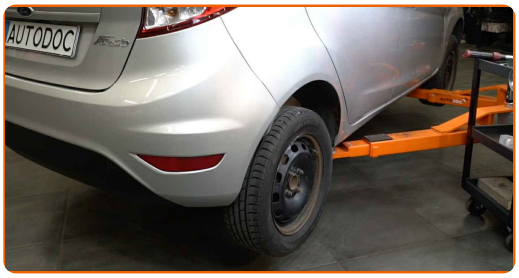
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

2 Loosen the wheel mounting bolts. Use wheel impact socket #19.



3 Raise the rear of the car and secure on supports.

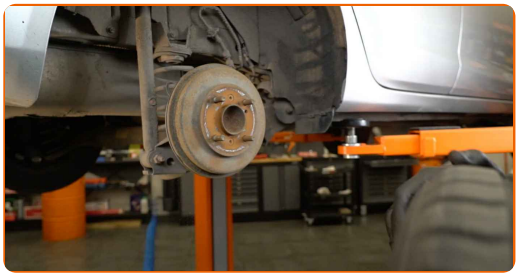


4 Unscrew the wheel bolts.

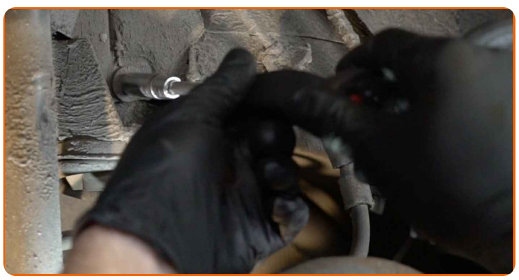
Replacement: shock absorbers – Ford Fiesta JA8. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

5 Remove the wheel.



6 Unscrew the wheel arch cover fasteners. Use a drive socket #10. Use a ratchet wrench.



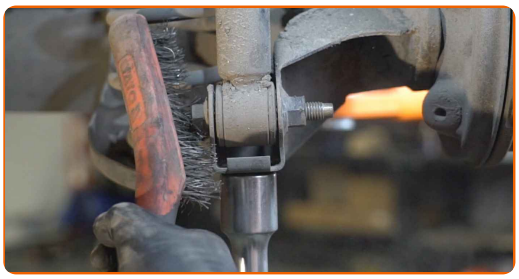
7 Move the part aside.

8 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

9 Support the rear suspension beam. Use a hydraulic transmission jack.

10 Unscrew the upper fastener of the shock absorber. Use a drive socket #10. Use a ratchet wrench.

11 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



12 Unscrew the lower fastener of the shock absorber. Use a drive socket #15. Use a ratchet wrench.

13 Remove the mounting from under the rear axle beam.

AUTODOC recommends:

- Replacement: shock absorbers – Ford Fiesta JA8. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

14 Remove the fastening bolt.

15 Remove the shock absorber.

16 Grip the shock absorber in a vice.

17 Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.

18 Remove the shock absorber piston rod fastening. Use a combination spanner #13. Use a shock absorber socket DDN°5.2. Use a ratchet wrench.

19 Remove the shock absorber mount, boot and bump stop.

Replacement: shock absorbers – Ford Fiesta JA8. AUTODOC experts recommend:

- Thoroughly examine the shock absorber mount, dust boot, bump stop. Replace them if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

20 Install the mount, boot and bump stop onto a new shock absorber.

21 Tighten the shock absorber rod nut. Use a combination spanner #13. Use a shock absorber socket DDN№5.2. Use a torque wrench. Tighten it to 25 nm torque.

22 Release the vice and take out the shock absorber.

23 Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.

24 Place the shock absorber in the wheel arch and secure it.

Replacement: shock absorbers – Ford Fiesta JA8. Tip from AUTODOC experts:

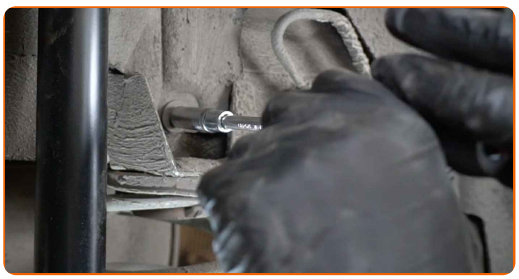
- To avoid injury, hold the shock absorber cautiously tight when screwing in the fastening bolts.

25 Screw the upper fastener of the shock absorber. Use a drive socket #10. Use a ratchet wrench.

26 Tighten the top shock absorber fastening. Use a drive socket #10. Use a torque wrench. Tighten it to 25 Nm torque.

27 Treat the shock absorber fasteners. Use copper grease.

28 Install the wheel arch cover to its mounting seat. Screw in the fasteners. Use a drive socket #10. Use a ratchet wrench.



29 Support the rear suspension beam. Use a hydraulic transmission jack.

30 Install the fastening bolt.

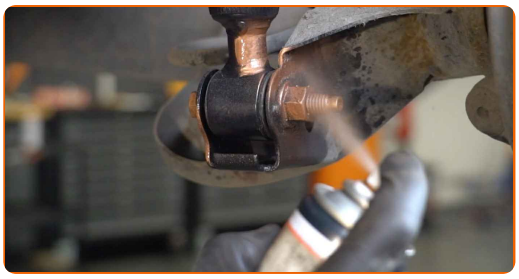
31 Raise the hydraulic transmission jack by 10-15 cm.

32 Screw in the lower fastener of the shock absorber. Use a drive socket #15. Use a ratchet wrench.

33 Tighten the lower fastener of the shock absorber. Use a drive socket #15. Use a torque wrench. Tighten it to 85 Nm torque.

34 Treat the shock absorber fasteners. Use copper grease.

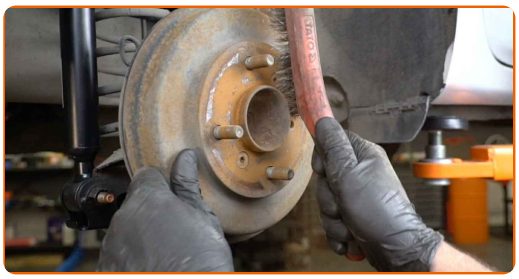
35 Remove the mounting from under the rear axle beam.



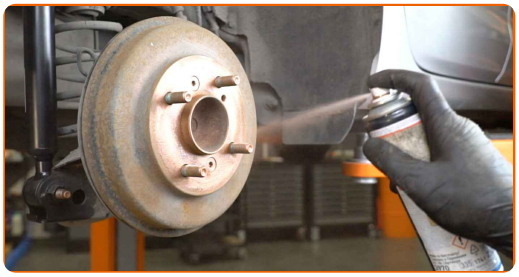
AUTODOC recommends:

- Ford Fiesta JA8 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

36 Clean the wheel rim mounting seat. Use a wire brush.



37 Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



38 Install the wheel.

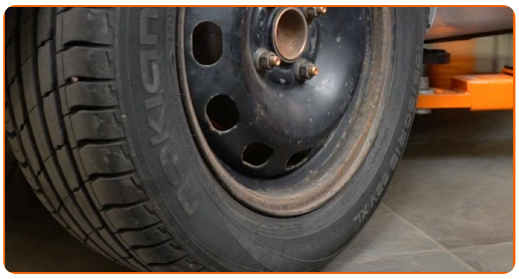
AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Ford Fiesta JA8

39 Screw in the wheel bolts. Use wheel impact socket #19.

40 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 110 Nm torque.

41 Remove the jacks and chocks.



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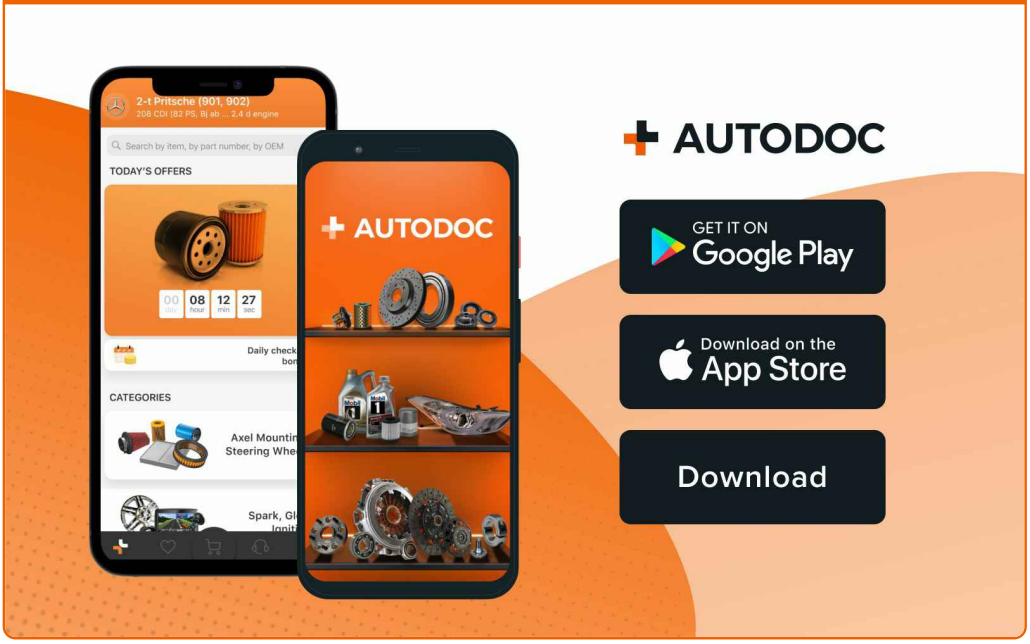

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